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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: July 12, 2004

(use as many sheets as necessary)

**Complete If Known**

Application Number	10/799,185
Filing Date	03/11/2004
First Named Inventor	Steven A. Sunshine
Group Art Unit	1294
Examiner Name	Unassigned
Attorney Docket Number	041358-0374

Sheet

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of

3

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
USA	A1	2002/0005580	A1	LEWIS et al.	06/2001	
	A2	2002/0028456		MANSKY et al.	03/2002	
	A3	2002/0137084		QUATE et al.	09/2002	
	A4	2002/0141901		LEWIS et al.	10/2002	
	A5	1,455,263		OBERFELL, G.	05/1923	
	A6	2,743,167		CHERRY, R.	04/1956	
	A7	3,323,350		ROBERTS, J.	06/1967	
	A8	3,266,293		HUBNER, R.	08/1966	
	A9	3,415,108		HUBNER, R.	12/1968	
	A10	3,427,862		HUBNER, R.	02/1969	
	A11	3,529,459		VILINSTRAS, P.	09/1970	
	A12	3,540,261		SCOGGINS, M.	11/1970	
	A13	4,329,870		FARMER, D. E.	05/1982	
	A14	4,360,856		WITTHAUS, I.	11/1982	
	A15	4,670,405		STETTER et al.	06/02/1987	
	A16	4,759,210		WOHLTJEN, H.	07/1988	
	A17	4,779,451		EZAWA et al.	09/05/2002	
	A18	4,818,348		STETTER, J.	04/1989	
USA	A19	4,864,492	A	BLAKELY-FOGEL et al.	09/05/1989	
	A20	4,907,441		SHURMER, H.	03/1990	
	A21	4,922,669		DE PAS et al.	05/08/1990	
	A22	5,025,653		SCHULDT	04/10/2003	
	A23	5,029,300		ISHIBASHI et al.	07/1991	
	A24	5,304,495		YIM	04/1994	
	A25	5,309,777		SCHMITT et al.	05/10/1994	
	A26	5,377,528		DAUVERGNE, J.	01/1995	
	A27	5,469,369		ROSE-PEHRSSON et al.	11/21/1995	
	A28	5,541,851		SATO et al.	07/30/1996	
	A29	5,571,401		LEWIS et al.	11/1996	
	A30	5,571,947		SENN et al.	11/1996	
	A31	5,582,797		KEWLEY et al.	12/1996	
	A32	5,585,575		CORRIGAN et al.	12/1996	
	A33	5,675,070		GELPERIN	10/07/1997	
	A34	5,677,476		McCARTHY et al.	10/1997	
	A35	5,710,722		WOOD	01/1998	
	A36	5,719,325		KIESELE et al.	02/1998	
	A37	5,728,581		SCHWARZ et al.	03/1998	
	A38	5,801,297		MIFSUD et al.	09/01/1998	

Examiner  
Signature*Cal S. M. L.*Date  
Considered

7/31/04

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Substitute for form 1449B/PTO			<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application Number	10/799,185
			Filing Date	03/11/2004
			First Named Inventor	Steven A. Sunshine
			Group Art Unit	1294
			Examiner Name	Unassigned
Date Submitted: July 12, 2004			Attorney Docket Number	041358-0374
(use as many sheets as necessary)				
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U.S. PATENT DOCUMENTS					
	U.S. Patent Document				
CS	A39	5,808,541		GOLDEN, P.	09/1998
	A40	5,811,812		WILLIAMS et al.	09/22/1998
	A41	5,828,851	A	NIXON et al.	10/27/1998
	A42	5,832,411		SCHATZMANN et al.	11/03/1998
	A43	5,834,626		DeCASTRO et al.	11/1998
	A44	5,891,398		LEWIS et al.	04/1999
	A45	5,892,950		RIGORI et al.	04/06/1999
	A46	5,911,872		LEWIS et al.	06/1999
	A47	5,931,913	A	MERIWETHER et al.	08/03/1999
	A48	5,951,846		LEWIS et al.	09/1999
	A49	5,959,191		LEWIS et al.	09/28/1999
	A50	6,010,616		LEWIS et al.	01/2000
	A51	6,013,229		LEWIS et al.	01/2000
	A52	6,017,440		LEWIS et al.	01/2000
	A53	6,049,283		LINDSRAY, J.	04/2000
	A54	6,052,737		BITTON et al.	04/18/2000
	A55	6,061,753		ERICSON	05/09/2000
	A56	6,085,576		SUNSHINE et al.	07/2000
	A57	6,093,308		LEWIS et al.	07/2000
	A58	6,148,280		KRAMER	11/2000
	A59	6,169,775		TAKAHASHI et al.	01/2001
	A60	6,170,318	B1	LEWIS	01/2001
	A61	6,182,497		KRAJCI, J.	02/2001
	A62	6,182,499	B1	MCFARLAND et al.	02/2001
	A63	6,196,057	B1	DISCENZO	03/2001
	A64	6,220,371		SHARMA et al.	04/2001
	A65	6,244,096	B1	LEWIS et al.	06/2001
	A66	6,331,244	B1	LEWIS et al.	12/2001
	A67	6,350,369		LEWIS et al.	02/2004
	A68	6,387,329		LEWIS et al.	05/2002
CS	A69	6,627,154		GOODMAN et al.	

Examiner Signature	<i>Carl S. M. 51</i>	Date Considered	7/31/04
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
289 1 44	A70	DE	3615876	A1	MEINKE	11-12-1987		
	A71	DE	196 36 461	A1	FORSCHUNGSZENTRUM	03-12-1998		
	A72	DE	197 04 237	A1	MICRONAS INTL.	08-06-1998		
	A73	WO	92/22813			12/23/1992		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>	
CS	A74	ULMER, H., et al., "Odours and flavours identified with hybrid modular sensor systems", Sensors and Actuators B, 43: 24-33 (1997).		
	A75	WINQUIST, F., et al., "The combination of an electronic tongue and an electronic nose", Sensors and Actuators B, 58: 512-517 (1999).		
	A76	GARDNER et al., "Detection of vapours and odours from a multisensor array using pattern-recognition techniques", Sensors and Actuators B., 9:9-15 (1992).		
	A77	Supplementary European Search Report for EP 00 94 1511 dated July 3, 2002		
CS	A78	International Search Report for PCT/US00/05585 completed June 30, 2000		

Examiner Signature	<i>Col. S. W. 71</i>	Date Considered	7/31/04
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